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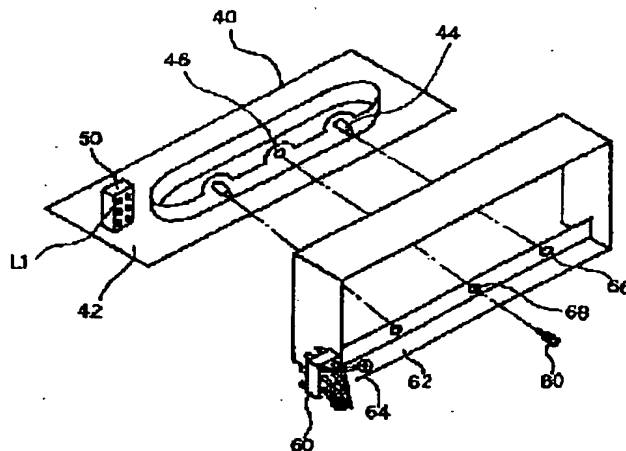
APPLICATION DATE : 08-12-97
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APPLICANT : RICOH CO LTD;

INVENTOR : KIMURA MASATERU;

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TITLE : CONNECTION DETECTING DEVICE



ABSTRACT : PROBLEM TO BE SOLVED: To provide a connection detecting device that detects a connection using one signal wire on a connector without requiring another connection detecting exclusive sensor.

SOLUTION: When a unit mounting part is set to a unit, a signal wire L1 on a main body connector 50 falls down from a unit-side connector 60 to a main body grounding through a contact part 64 of the unit-side connector 60 and to a contact part 62 of a connection to be grounded to a main body grounding so that a connection can be detected. In this case, only the signal wire L1 and the contact part 64 of the unit-side connector 60 corresponding to it are used, therefore, two signal wires are not necessary to be used for detecting a connection as shown in the figure.

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